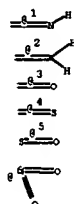
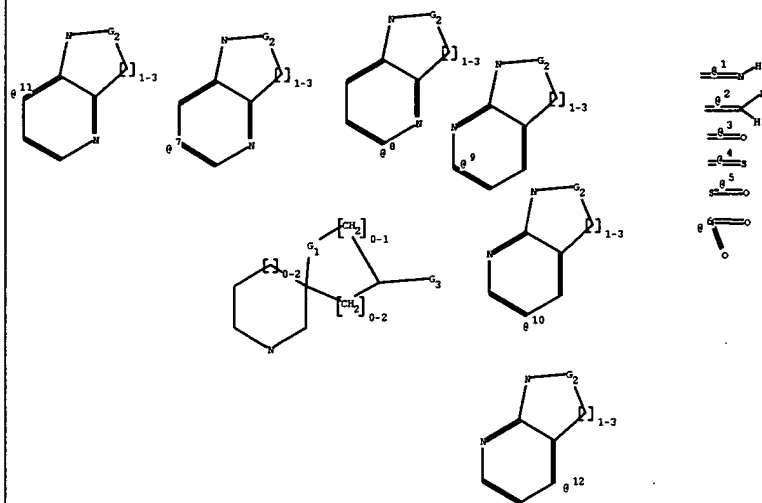


Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	98	(544/199).CCLS.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/06/18 12:49



chain nodes :

18 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

ring nodes :

1 2 3 4 5 6 9 10 11 12 19 20 21 22 23 24 25 26 27 28 29 30 31 32
 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54
 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102

chain bonds :

11-18 61-62 62-73 63-64 64-74 64-75 65-66 67-68 69-70 71-72 71-76

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-9 5-12 9-10 10-11 11-12 19-20 19-24 20-21 21-22
 22-23 22-43 23-24 23-45 25-26 25-30 26-27 27-28 28-29 28-46 29-30 29-48 31-32
 31-36 32-33 33-34 34-35 34-49 35-36 35-51 37-38 37-42 38-39 39-40 40-41 40-52
 41-42 41-54 43-44 44-45 46-47 47-48 49-50 50-51 52-53 53-54 85-86 85-90 86-87
 87-88 88-89 88-91 89-90 89-93 91-92 92-93 94-95 94-99 95-96 96-97 97-98
 97-100 98-99 98-102 100-101 101-102

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-9 5-12 9-10 10-11 11-12 11-18 22-43 23-45 28-46
 29-48 34-49 35-51 40-52 41-54 43-44 44-45 46-47 47-48 49-50 50-51 52-53 53-54
 61-62 62-73 63-64 64-74 64-75 65-66 67-68 69-70 71-72 71-76 88-91 89-93 91-92
 92-93 97-100 98-102 100-101 101-102

normalized bonds :

19-20 19-24 20-21 21-22 22-23 23-24 25-26 25-30 26-27 27-28 28-29 29-30 31-32
 31-36 32-33 33-34 34-35 35-36 37-38 37-42 38-39 39-40 40-41 41-42 85-86 85-90
 86-87 87-88 88-89 89-90 94-95 94-99 95-96 96-97 97-98 98-99

G1:O,S,N

G2:[*1],[*2],[*3],[*4],[*5],[*6]

G3:[*7],[*8],[*9],[*10],[*11],[*12]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:Atom 10:Atom 11:Atom 12:Atom
18:CLASS 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom 27:Atom
28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom 36:Atom 37:Atom
38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom 45:Atom 46:Atom 47:Atom
48:Atom 49:Atom 50:Atom 51:Atom 52:Atom 53:Atom 54:Atom 61:CLASS 62:CLASS
63:CLASS 64:CLASS 65:CLASS 66:CLASS 67:CLASS 68:CLASS 69:CLASS 70:CLASS 71:CLASS
72:CLASS 73:CLASS 74:CLASS 75:CLASS 76:CLASS 85:Atom 86:Atom 87:Atom 88:Atom
89:Atom 90:Atom 91:Atom 92:Atom 93:Atom 94:Atom 95:Atom 96:Atom 97:Atom 98:Atom
99:Atom 100:Atom 101:Atom 102:Atom

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NEWS EXPRESS	JUNE 13	CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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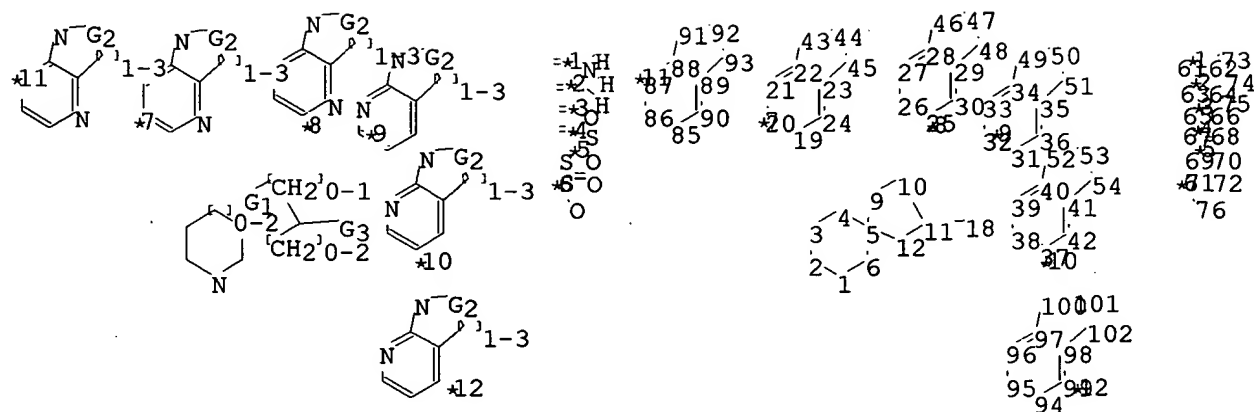
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\09811218RCE.str



chain nodes :

18 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

ring nodes :

1 2 3 4 5 6 9 10 11 12 19 20 21 22 23 24 25 26 27 28 29 30 31
 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52
 53 54 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102

chain bonds :

11-18 61-62 62-73 63-64 64-74 64-75 65-66 67-68 69-70 71-72 71-76

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-9 5-12 9-10 10-11 11-12 19-20 19-24 20-21
 21-22 22-23 22-43 23-24 23-45 25-26 25-30 26-27 27-28 28-29 28-46 29-30
 29-48 31-32 31-36 32-33 33-34 34-35 34-49 35-36 35-51 37-38 37-42 38-39
 39-40 40-41 40-52 41-42 41-54 43-44 44-45 46-47 47-48 49-50 50-51 52-53
 53-54 85-86 85-90 86-87 87-88 88-89 88-91 89-90 89-93 91-92 92-93 94-95
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exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-9 5-12 9-10 10-11 11-12 11-18 22-43 23-45
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 52-53 53-54 61-62 62-73 63-64 64-74 64-75 65-66 67-68 69-70 71-72 71-76
 88-91 89-93 91-92 92-93 97-100 98-102 100-101 101-102

normalized bonds :

19-20 19-24 20-21 21-22 22-23 23-24 25-26 25-30 26-27 27-28 28-29 29-30
 31-32 31-36 32-33 33-34 34-35 35-36 37-38 37-42 38-39 39-40 40-41 41-42
 85-86 85-90 86-87 87-88 88-89 89-90 94-95 94-99 95-96 96-97 97-98 98-99

09/811218-RCE

G1:O,S,N

G2:[*1],[*2],[*3],[*4],[*5],[*6]

G3:[*7],[*8],[*9],[*10],[*11],[*12]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:Atom 10:Atom 11:Atom 12:Atom
18:CLASS 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom
27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom
36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom
45:Atom 46:Atom 47:Atom 48:Atom 49:Atom 50:Atom 51:Atom 52:Atom 53:Atom
54:Atom 61:CLASS 62:CLASS 63:CLASS 64:CLASS 65:CLASS 66:CLASS 67:CLASS
68:CLASS 69:CLASS 70:CLASS 71:CLASS 72:CLASS 73:CLASS 74:CLASS 75:CLASS
76:CLASS 85:Atom 86:Atom 87:Atom 88:Atom 89:Atom 90:Atom 91:Atom 92:Atom
93:Atom 94:Atom 95:Atom 96:Atom 97:Atom 98:Atom 99:Atom 100:Atom 101:Atom
102:Atom

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 11:34:02 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 12597 TO ITERATE

7.9% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 245217 TO 258663
PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss ful

FULL SEARCH INITIATED 11:34:20 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 250076 TO ITERATE

100.0% PROCESSED 250076 ITERATIONS 0 ANSWERS
SEARCH TIME: 00.00.08

L3 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS

FULL ESTIMATED COST

SINCE FILE	TOTAL
ENTRY	SESSION
161.76	161.97

09/811218-RCE

STN INTERNATIONAL LOGOFF AT 11:34:33 ON 18 JUN 2005

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
0.21	0.21

FULL ESTIMATED COST

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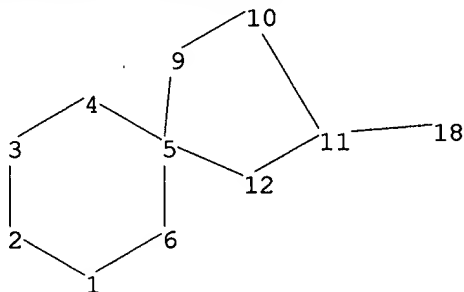
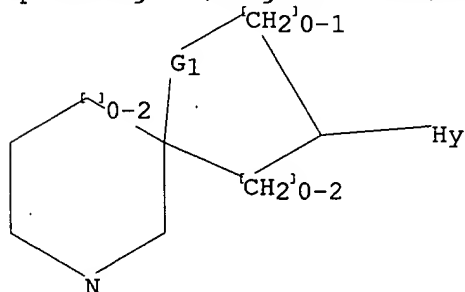
 *
 * The CA roles and document type information have been removed from *
 * the IDE default display format and the ED field has been added, *
 * effective March 20, 2005. A new display format, IDERL, is now *
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 *

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<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\09811218RCE2.str



09/811218-RCE

chain nodes :

18

ring nodes :

1 2 3 4 5 6 9 10 11 12

chain bonds :

11-18

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-9 5-12 9-10 10-11 11-12

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-9 5-12 9-10 10-11 11-12 11-18

G1:O,S,N

G2

G3

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:Atom 10:Atom 11:Atom 12:Atom

18:CLASS

Generic attributes :

18:

Saturation : Unsaturated

Number of Hetero Atoms : 2 or more

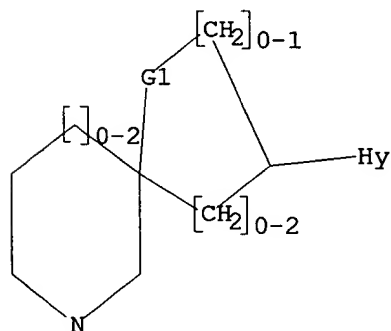
Type of Ring System : Polycyclic

L1 STRUCTURE UPLOADED

=> d 11

L1 HAS NO ANSWERS

L1 STR



G1 O,S,N

G2

G3

Structure attributes must be viewed using STN Express query preparation.

=> s 11 sss sam

SAMPLE SEARCH INITIATED 11:38:49 FILE 'REGISTRY'

09/811218-RCE

SAMPLE SCREEN SEARCH COMPLETED - 179011 TO ITERATE

0.6% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

L2 0 SEA SSS SAM L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.43

0.64

STN INTERNATIONAL LOGOFF AT 11:39:02 ON 18 JUN 2005

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PASSWORD:

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=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

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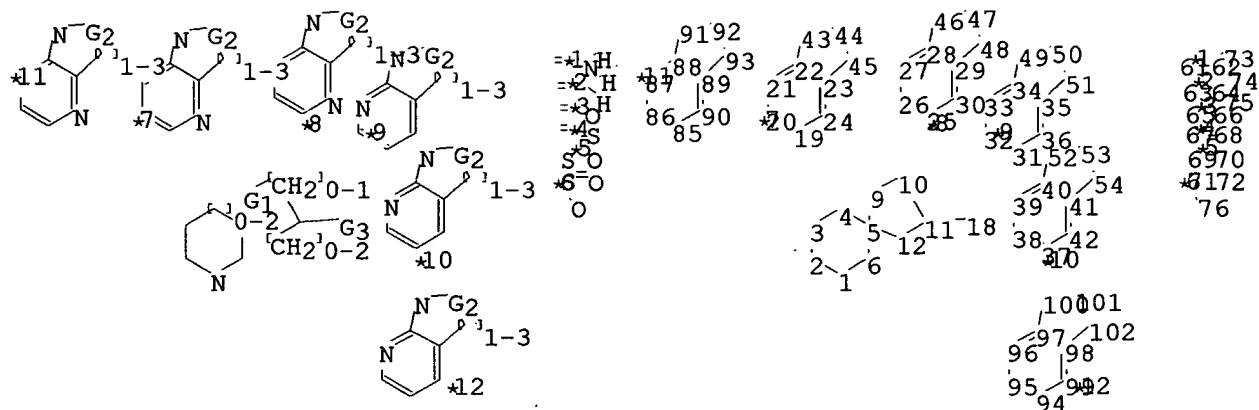
*
* The CA roles and document type information have been removed from *
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=>

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chain nodes :

18 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76

ring nodes :

1 2 3 4 5 6 9 10 11 12 19 20 21 22 23 24 25 26 27 28 29 30 31
 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52
 53 54 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102

chain bonds :

11-18 61-62 62-73 63-64 64-74 64-75 65-66 67-68 69-70 71-72 71-76

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-9 5-12 9-10 10-11 11-12 19-20 19-24 20-21
 21-22 22-23 22-43 23-24 23-45 25-26 25-30 26-27 27-28 28-29 28-46 29-30
 29-48 31-32 31-36 32-33 33-34 34-35 34-49 35-36 35-51 37-38 37-42 38-39
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exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 5-9 5-12 9-10 10-11 11-12 11-18 22-43 23-45
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normalized bonds :

19-20 19-24 20-21 21-22 22-23 23-24 25-26 25-30 26-27 27-28 28-29 29-30
 31-32 31-36 32-33 33-34 34-35 35-36 37-38 37-42 38-39 39-40 40-41 41-42
 85-86 85-90 86-87 87-88 88-89 89-90 94-95 94-99 95-96 96-97 97-98 98-99

09/811218-RCE

G1:O,S,N

G2:[*1],[*2],[*3],[*4],[*5],[*6]

G3:[*7],[*8],[*9],[*10],[*11],[*12]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:Atom 10:Atom 11:Atom 12:Atom
18:CLASS 19:Atom 20:Atom 21:Atom 22:Atom 23:Atom 24:Atom 25:Atom 26:Atom
27:Atom 28:Atom 29:Atom 30:Atom 31:Atom 32:Atom 33:Atom 34:Atom 35:Atom
36:Atom 37:Atom 38:Atom 39:Atom 40:Atom 41:Atom 42:Atom 43:Atom 44:Atom
45:Atom 46:Atom 47:Atom 48:Atom 49:Atom 50:Atom 51:Atom 52:Atom 53:Atom
54:Atom 61:CLASS 62:CLASS 63:CLASS 64:CLASS 65:CLASS 66:CLASS 67:CLASS
68:CLASS 69:CLASS 70:CLASS 71:CLASS 72:CLASS 73:CLASS 74:CLASS 75:CLASS
76:CLASS 85:Atom 86:Atom 87:Atom 88:Atom 89:Atom 90:Atom 91:Atom 92:Atom
93:Atom 94:Atom 95:Atom 96:Atom 97:Atom 98:Atom 99:Atom 100:Atom 101:Atom
102:Atom

L1 STRUCTURE UPLOADED

=> d l1

L1 HAS NO ANSWERS

L1 STR

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 11:34:02 FILE 'REGISTRY'

SAMPLE SCREEN SEARCH COMPLETED - 12597 TO ITERATE

7.9% PROCESSED 1000 ITERATIONS

0 ANSWERS

INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED ITERATIONS: 245217 TO 258663

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1

=> s l1 sss ful

FULL SEARCH INITIATED 11:34:20 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 250076 TO ITERATE

100.0% PROCESSED 250076 ITERATIONS

0 ANSWERS

SEARCH TIME: 00.00.08

L3 0 SEA SSS FUL L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

161.76

161.97

09/811218-RCE

STN INTERNATIONAL LOGOFF AT 11:34:33 ON 18 JUN 2005

09/811218-RCE

Connecting via Winsock to STN

Welcome to STN International! Enter x:x

LOGINID:sssptal611bxv

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

* * * * * Welcome to STN International * * * * *

NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	FEB 28	PATDPAFULL - New display fields provide for legal status data from INPADO
NEWS	4	FEB 28	BABS - Current-awareness alerts (SDIs) available
NEWS	5	MAR 02	GBFULL: New full-text patent database on STN
NEWS	6	MAR 03	REGISTRY/ZREGISTRY - Sequence annotations enhanced
NEWS	7	MAR 03	MEDLINE file segment of TOXCENTER reloaded
NEWS	8	MAR 22	KOREAPAT now updated monthly; patent information enhanced
NEWS	9	MAR 22	Original IDE display format returns to REGISTRY/ZREGISTRY
NEWS	10	MAR 22	PATDPASPC - New patent database available
NEWS	11	MAR 22	REGISTRY/ZREGISTRY enhanced with experimental property tags
NEWS	12	APR 04	EPFULL enhanced with additional patent information and new fields
NEWS	13	APR 04	EMBASE - Database reloaded and enhanced
NEWS	14	APR 18	New CAS Information Use Policies available online
NEWS	15	APR 25	Patent searching, including current-awareness alerts (SDIs), based on application date in CA/CAPLUS and USPATFULL/USPAT2 may be affected by a change in filing date for U.S. applications.
NEWS	16	APR 28	Improved searching of U.S. Patent Classifications for U.S. patent records in CA/CAPLUS
NEWS	17	MAY 23	GBFULL enhanced with patent drawing images
NEWS	18	MAY 23	REGISTRY has been enhanced with source information from CHEMCATS
NEWS	19	JUN 06	STN Patent Forums to be held in June 2005
NEWS	20	JUN 06	The Analysis Edition of STN Express with Discover! (Version 8.0 for Windows) now available
NEWS	21	JUN 13	RUSSIAPAT: New full-text patent database on STN
NEWS	22	JUN 13	FRFULL enhanced with patent drawing images
NEWS EXPRESS			JUNE 13 CURRENT WINDOWS VERSION IS V8.0, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 13 JUNE 2005
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NEWS INTER			General Internet Information
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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 11:38:13 ON 18 JUN 2005

=> file reg

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'REGISTRY' ENTERED AT 11:38:27 ON 18 JUN 2005

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Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 17 JUN 2005 HIGHEST RN 852510-62-4

DICTIONARY FILE UPDATES: 17 JUN 2005 HIGHEST RN 852510-62-4

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH JANUARY 18, 2005

Please note that search-term pricing does apply when conducting SmartSELECT searches.

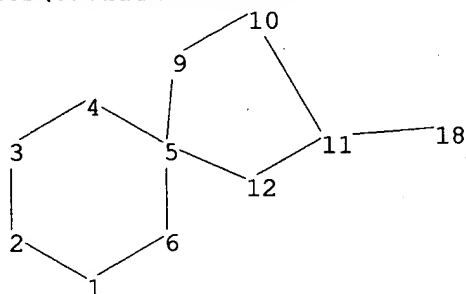
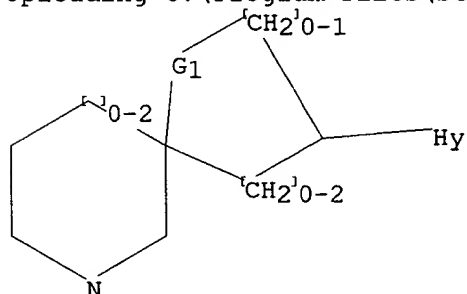
*
* The CA roles and document type information have been removed from *
* the IDE default display format and the ED field has been added, *
* effective March 20, 2005. A new display format, IDERL, is now *
* available and contains the CA role and document type information. *
*

Crossover limits have been increased. See HELP CROSSOVER for details.

Experimental and calculated property data are now available. For more information enter HELP PROP at an arrow prompt in the file or refer to the file summary sheet on the web at:
<http://www.cas.org/ONLINE/DBSS/registryss.html>

=>

Uploading C:\Program Files\Stnexp\Queries\09811218RCE2.str



chain nodes :

ring nodes :

chain bonds :

ring bonds :

exact/norm bonds :

G1: O, S, N

G3

```
1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 9:Atom 10:Atom 11:Atom 12:Atom
```

Generic attributes :

18:

Saturation : Unsaturated

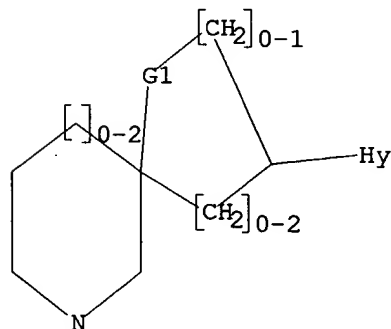
Number of Hetero Atoms : 2 or more

Type of Ring System : Polycyclic

$$\Rightarrow d \mid 11$$

L1 HAS NO ANSWERS

L1 STR



G1 O, S, N

G2

G3

Structure attributes must be viewed using STN Express query preparation.

=> s ll sss sam

SAMPLE SEARCH INITIATED 11:38:49 FILE 'REGISTRY'

09/811218-RCE

SAMPLE SCREEN SEARCH COMPLETED - 179011 TO ITERATE

0.6% PROCESSED 1000 ITERATIONS 0 ANSWERS
INCOMPLETE SEARCH (SYSTEM LIMIT EXCEEDED)
SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **INCOMPLETE**
BATCH **INCOMPLETE**
PROJECTED ITERATIONS: EXCEEDS 1000000
PROJECTED ANSWERS: EXCEEDS 0

L2 0 SEA SSS SAM L1

=> log y

COST IN U.S. DOLLARS

SINCE FILE

TOTAL

ENTRY

SESSION

FULL ESTIMATED COST

0.43

0.64

STN INTERNATIONAL LOGOFF AT 11:39:02 ON 18 JUN 2005